

FIG. 2

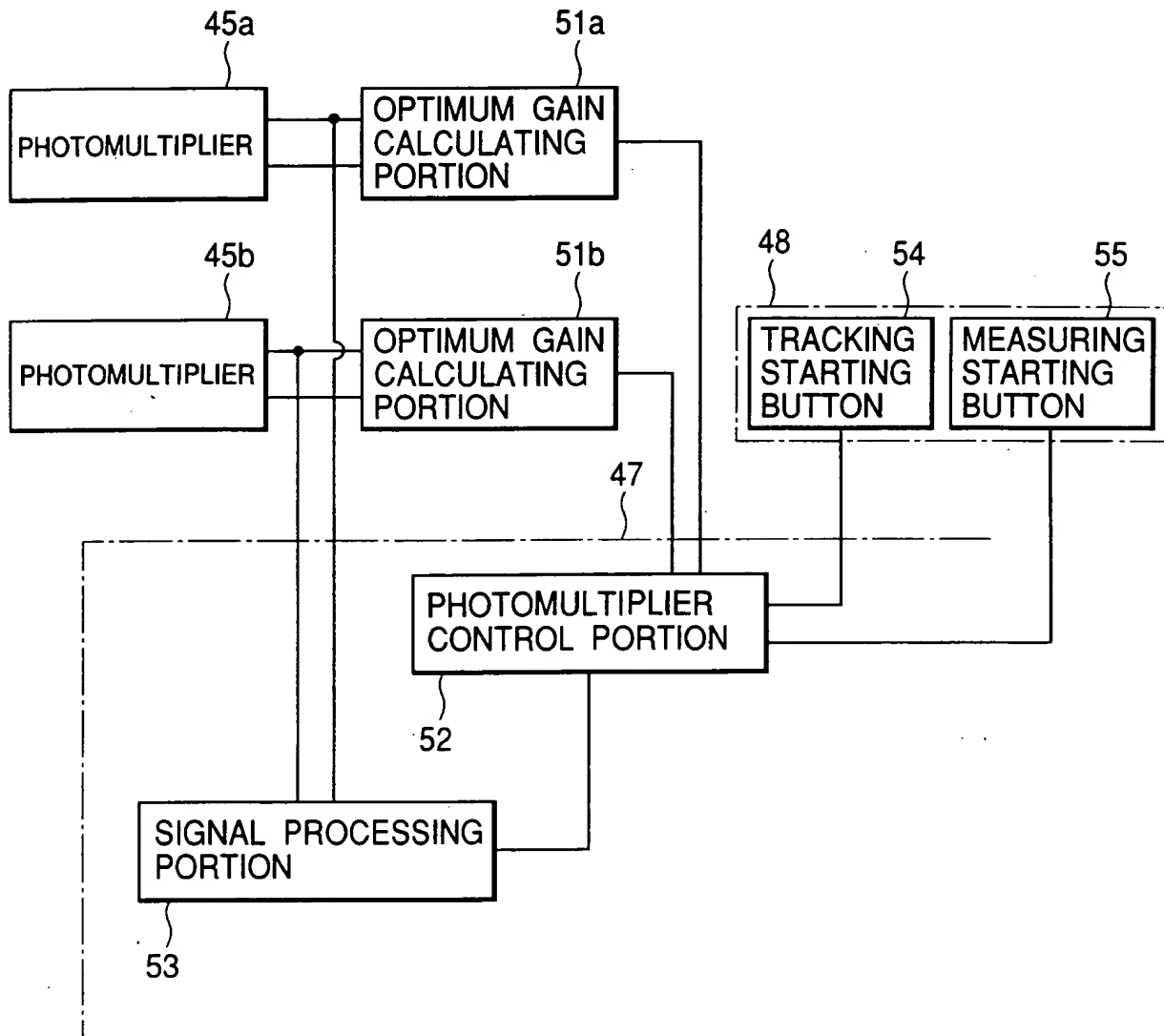


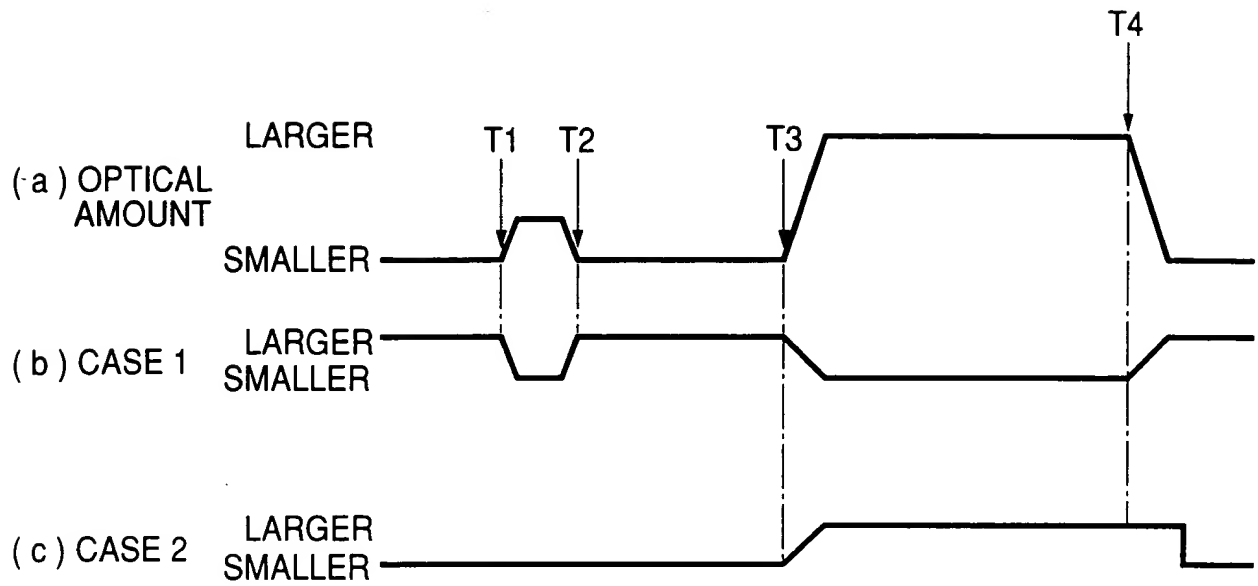
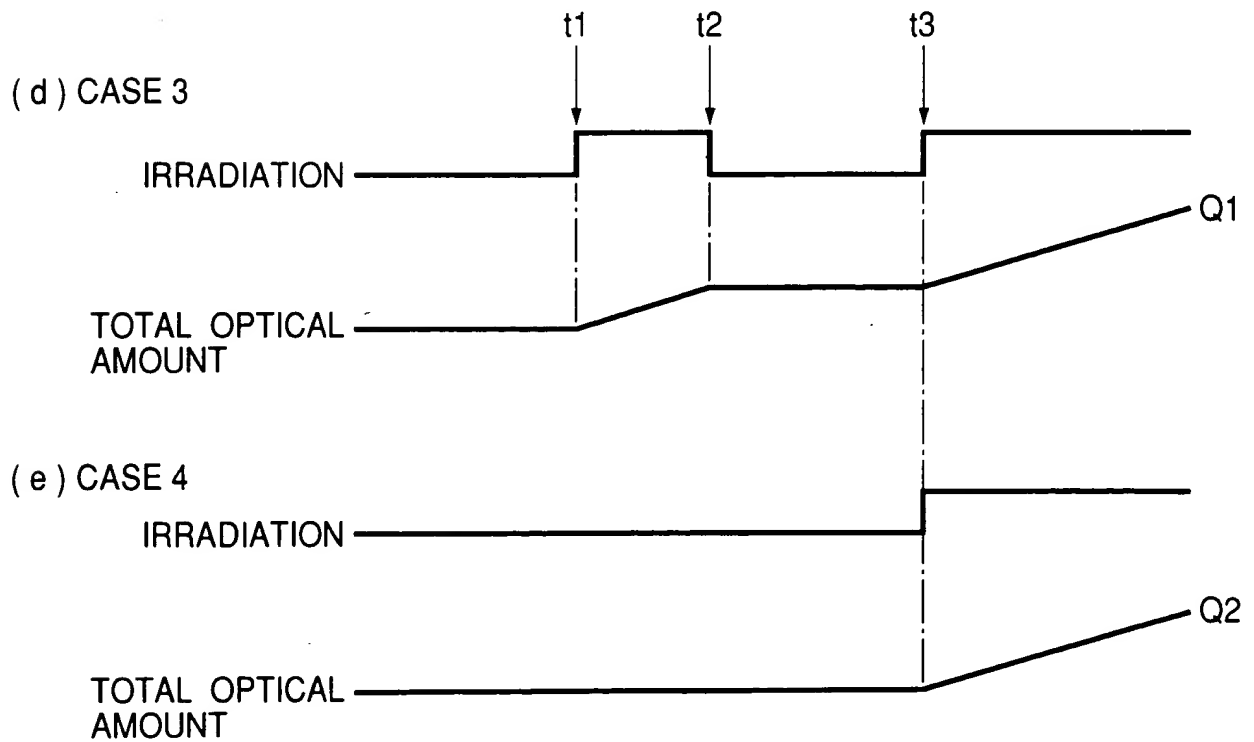
FIG. 3**FIG. 4**

FIG. 5

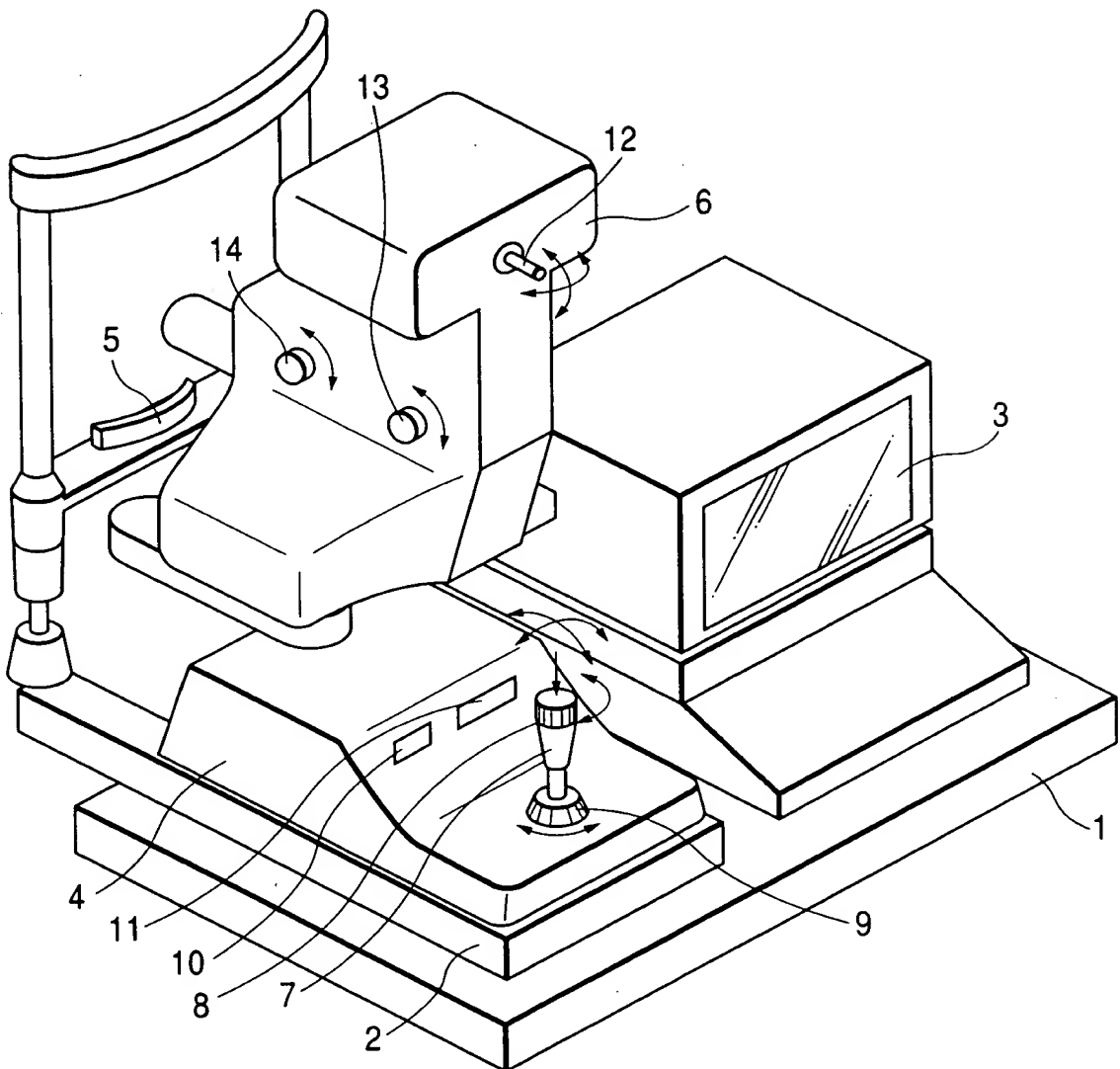


FIG. 6

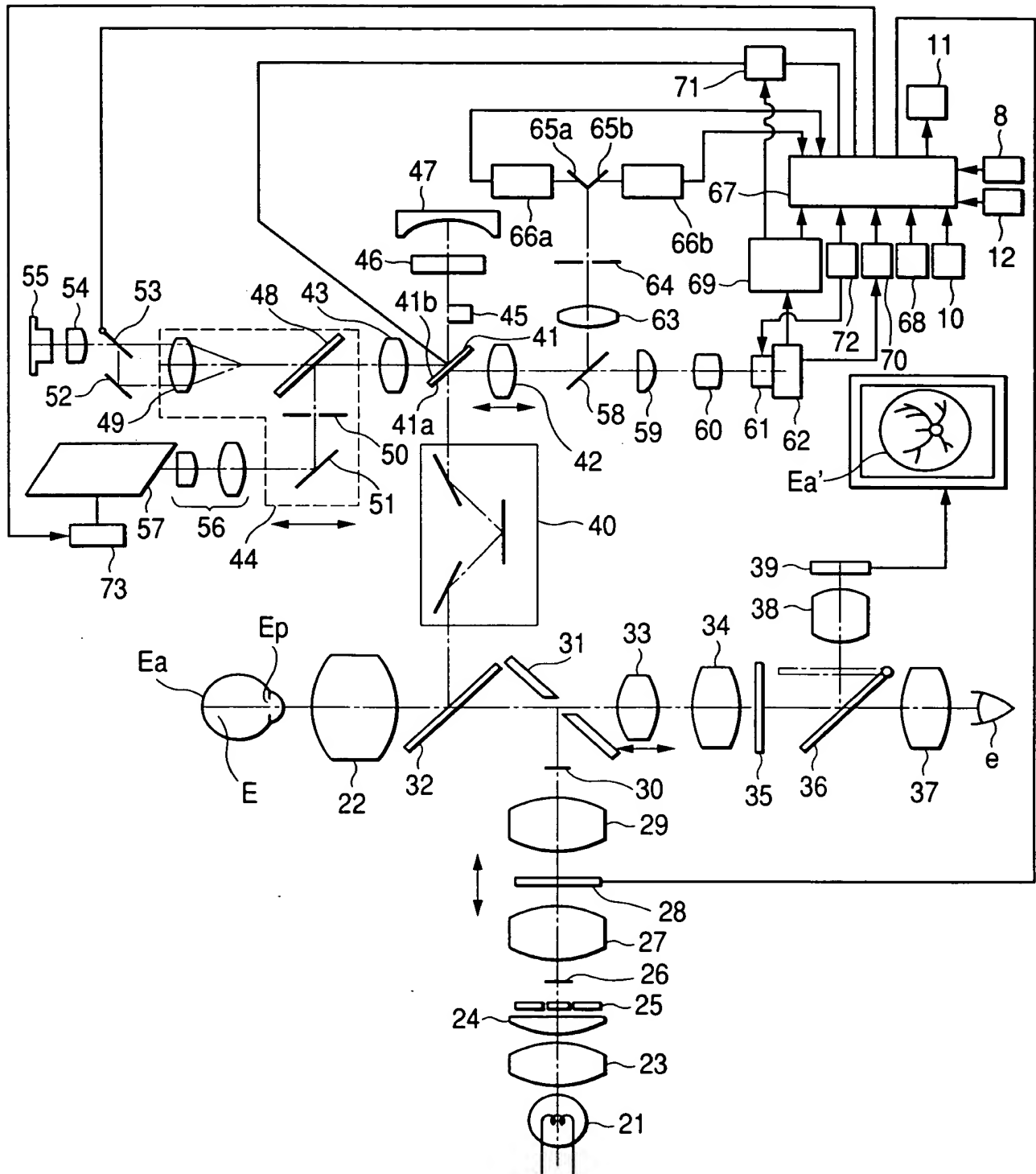


FIG. 7

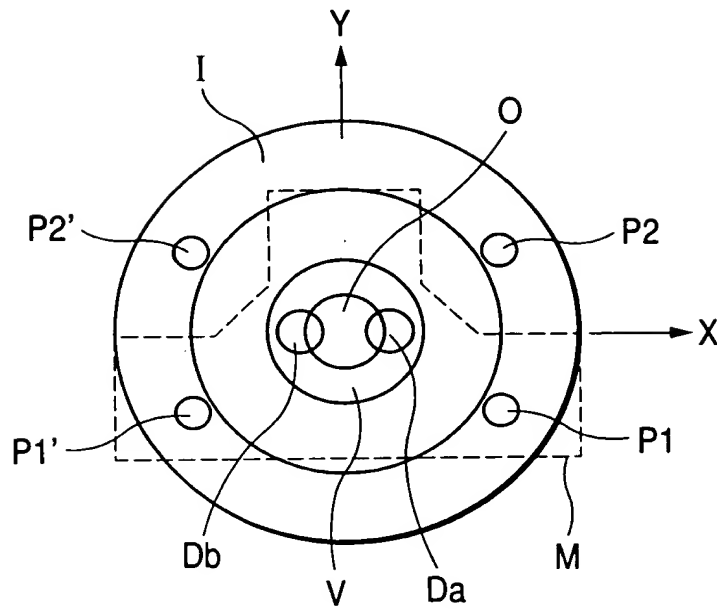


FIG. 8

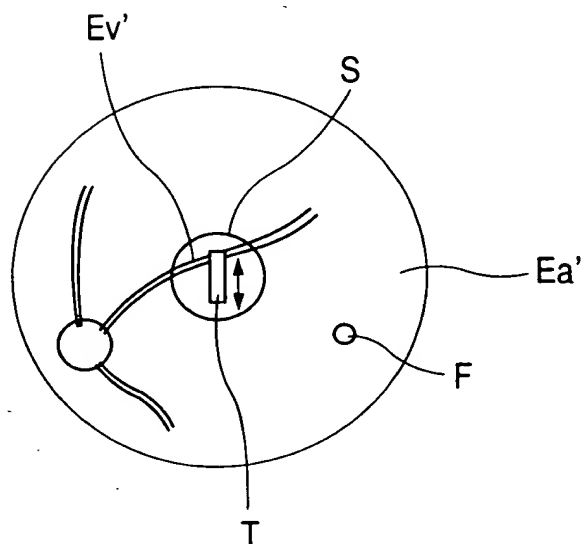


FIG. 9

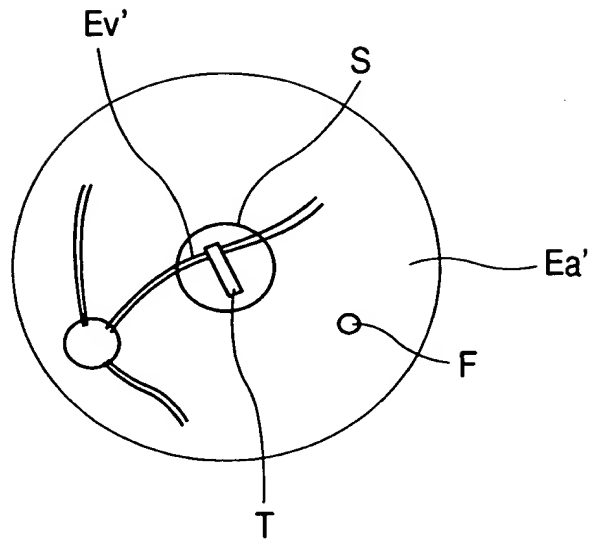


FIG. 10

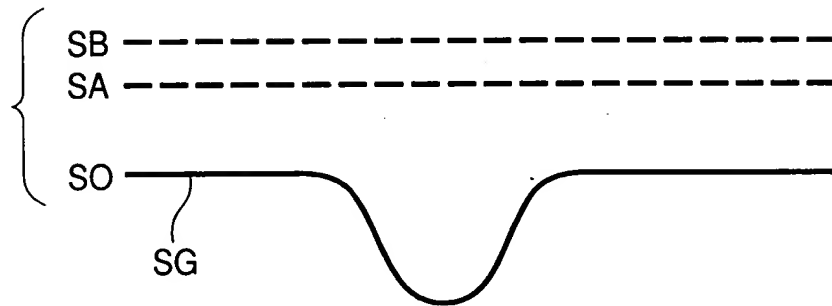


FIG. 11

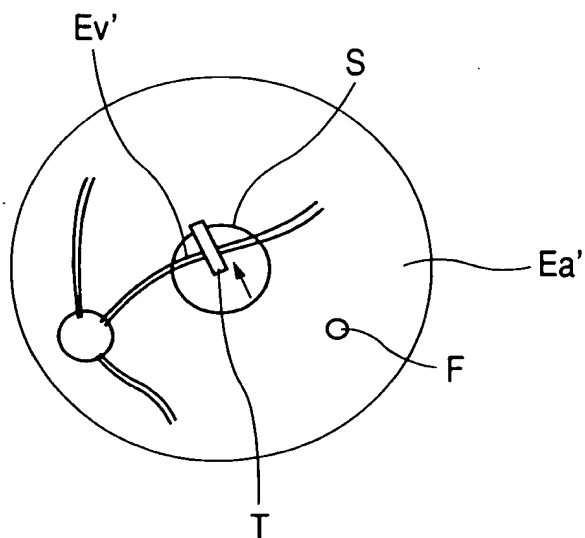


FIG. 12

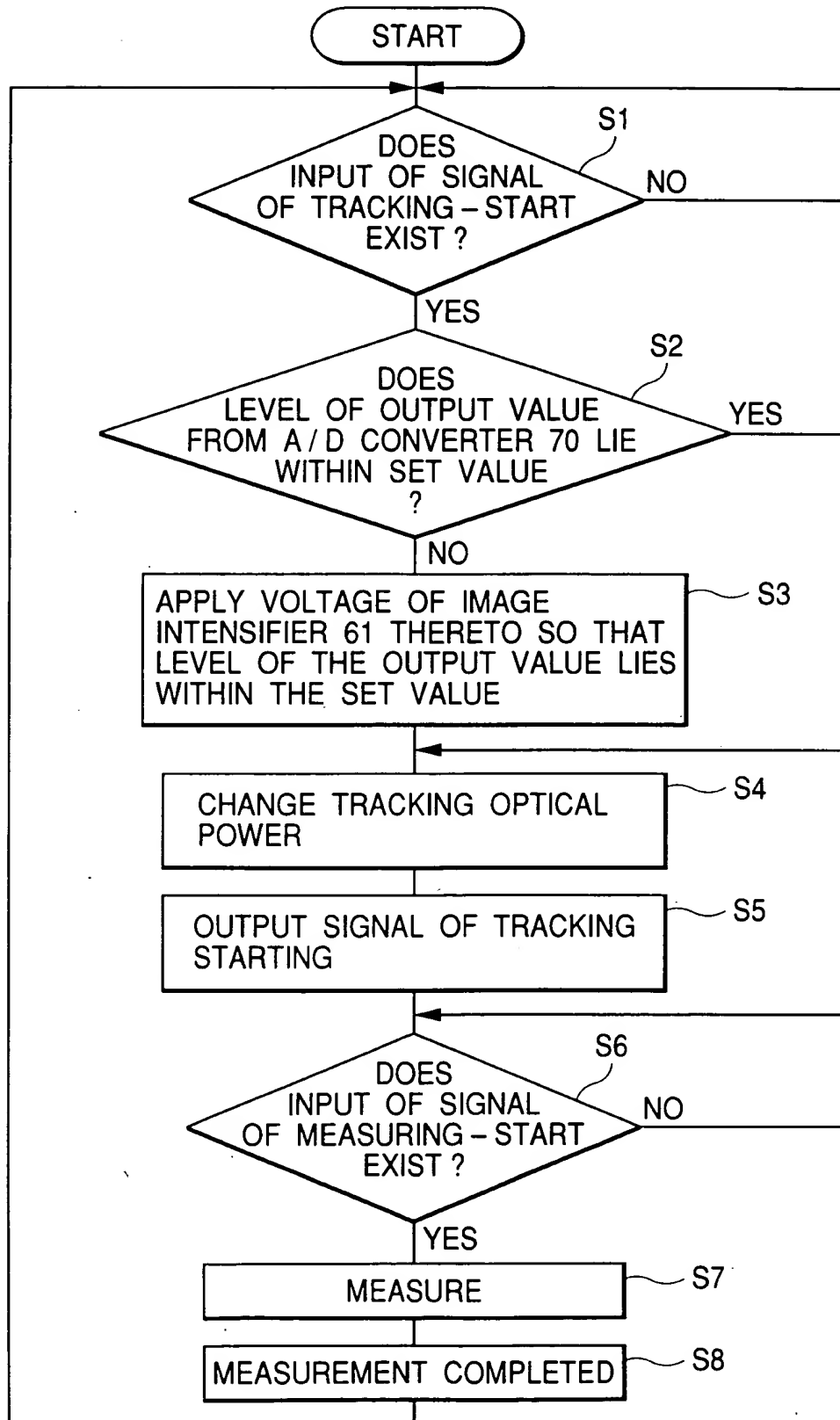


FIG. 13

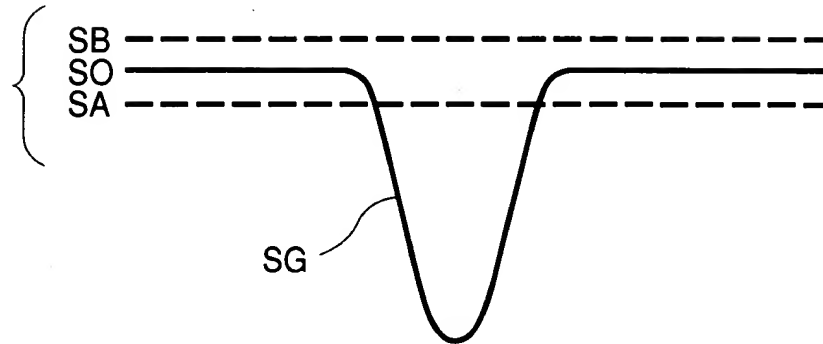
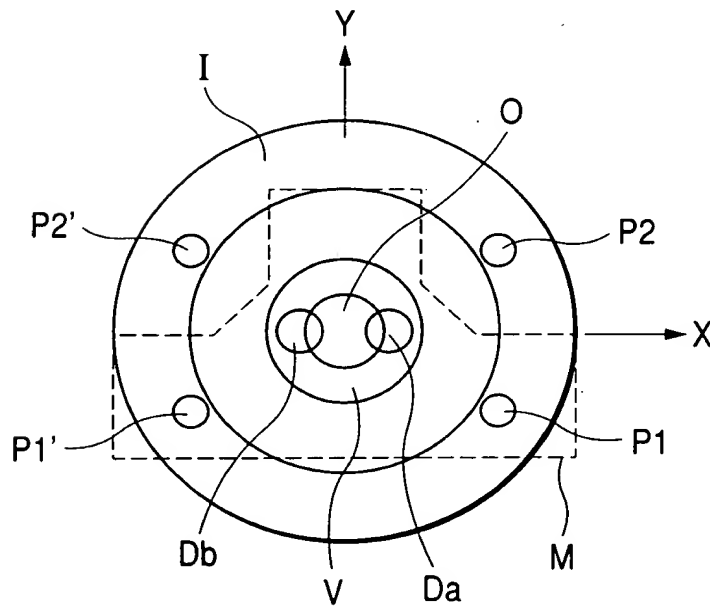


FIG. 16



The diagram illustrates an optical system for a microscope, showing the light path from the specimen to the detectors. The system includes a specimen (1) at the bottom, which is imaged through a series of lenses (3, 4, 5, 6, 7, 8, 9) and a mirror (10). The light then passes through a series of lenses (11, 12, 13, 14, 15, 16, 17) and a mirror (18). The light is then directed to a series of detectors (19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45a, 45b, 46a, 46b, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100). The light path is controlled by a series of mirrors and lenses, and the system is designed to provide a high-resolution image of the specimen.

FIG. 15

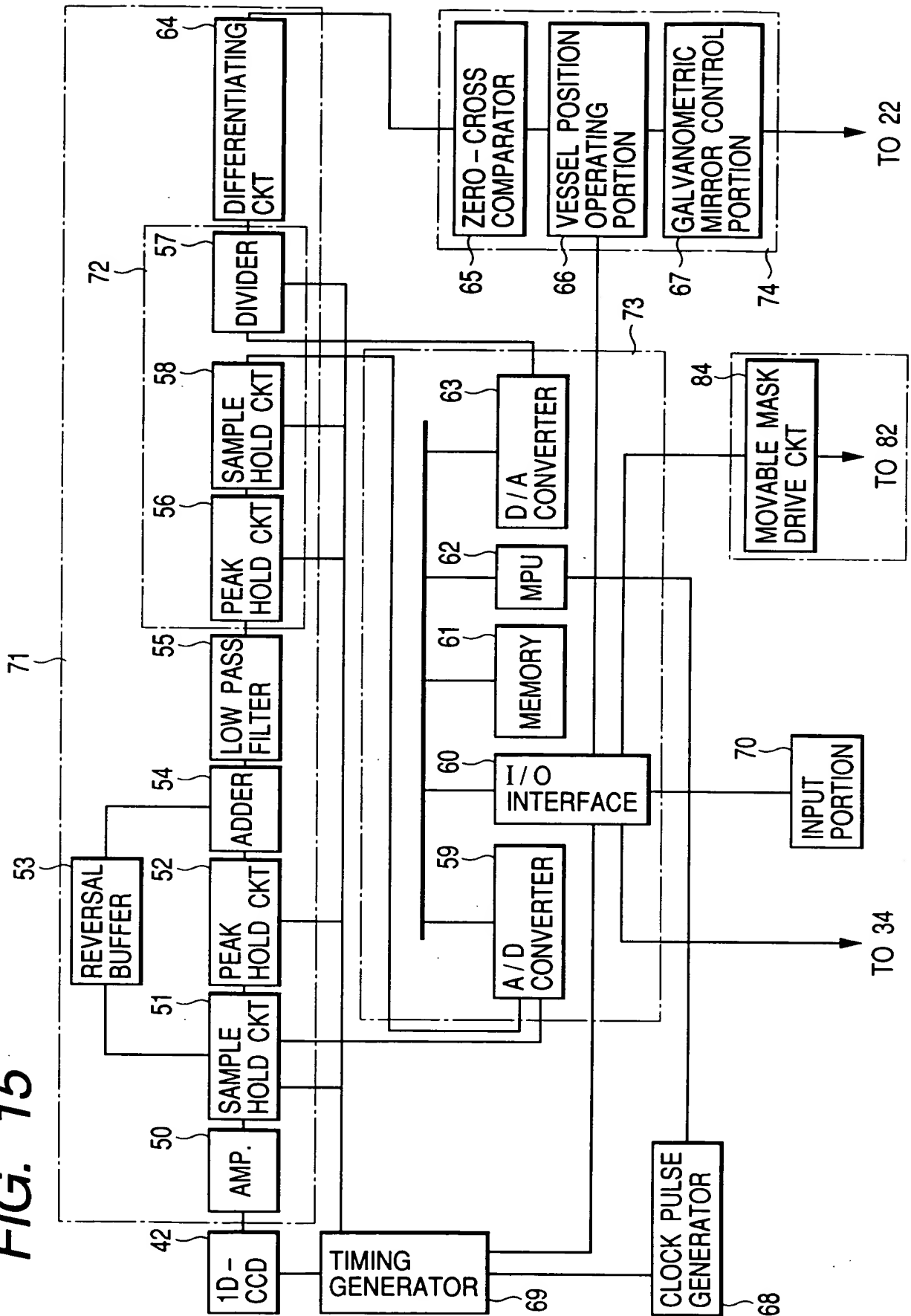


FIG. 17

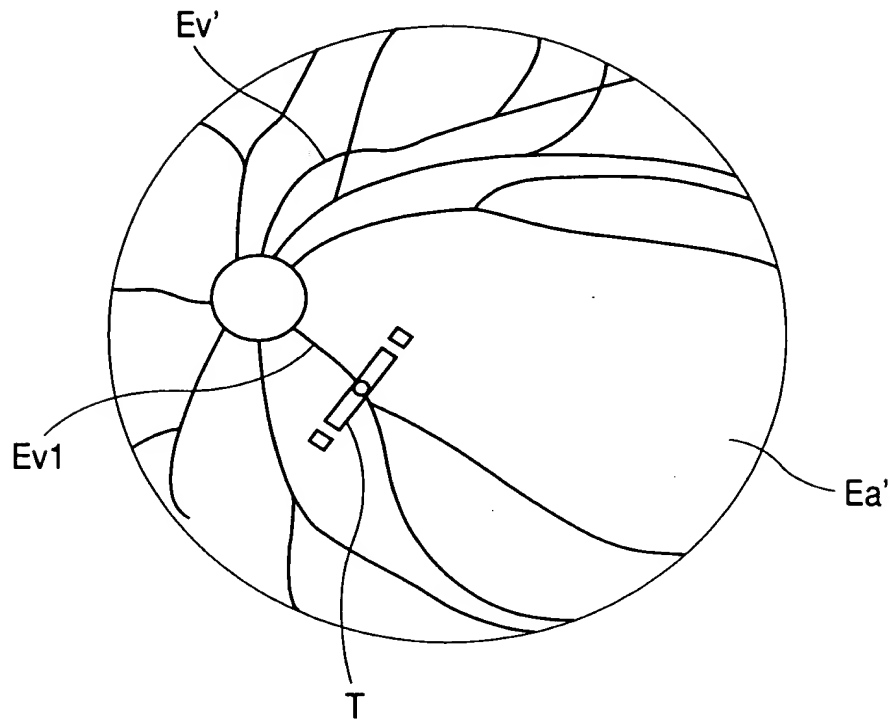
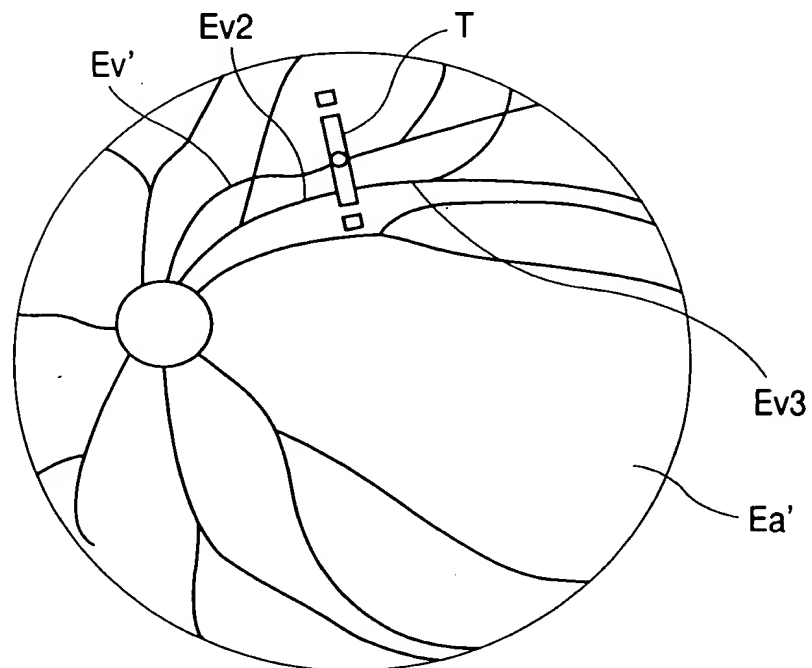
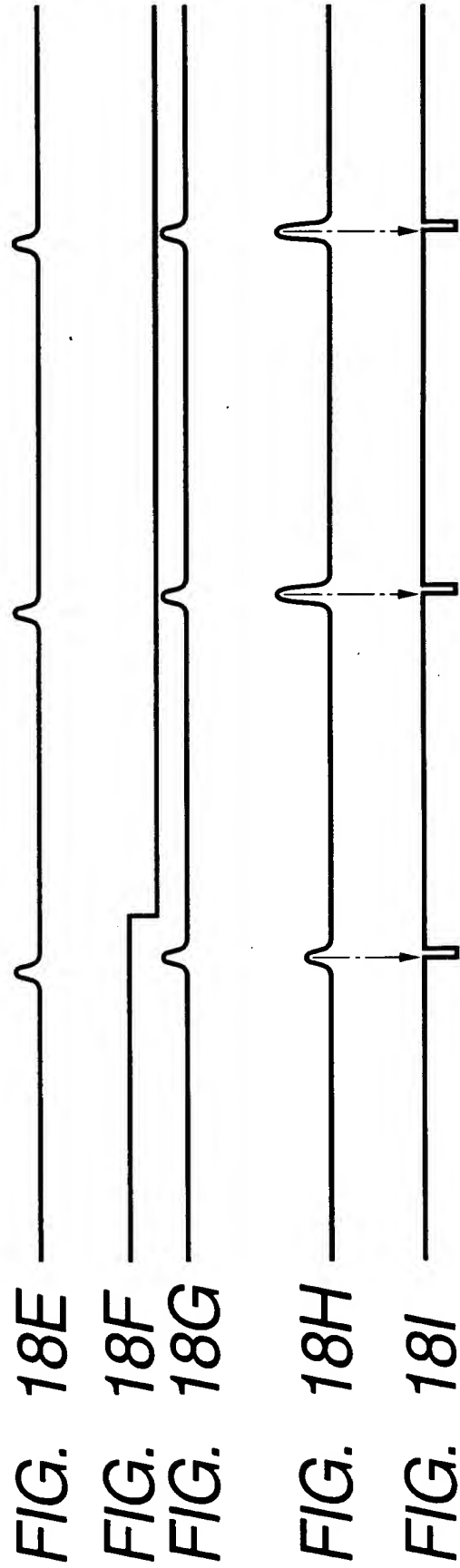
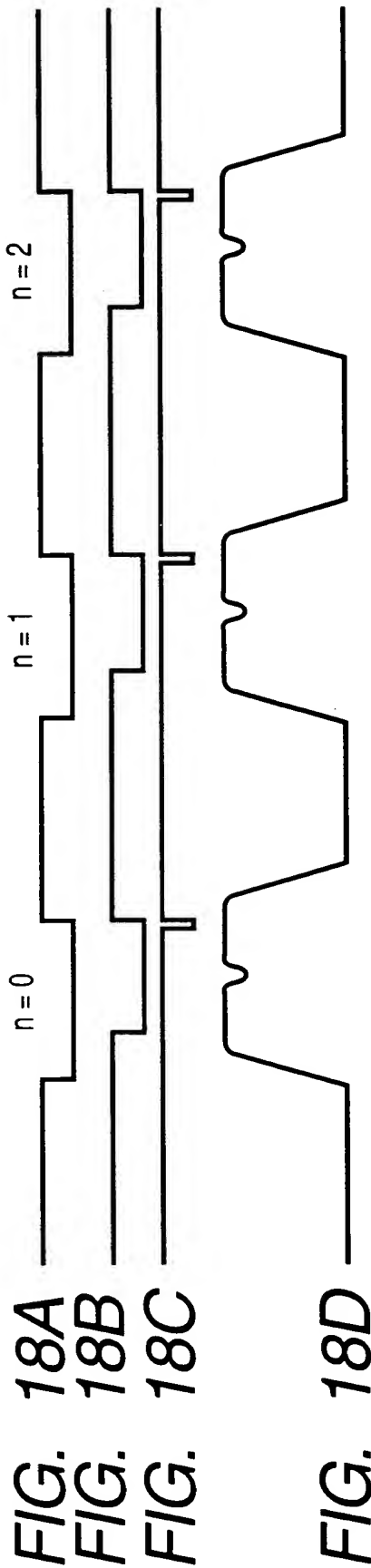


FIG. 19





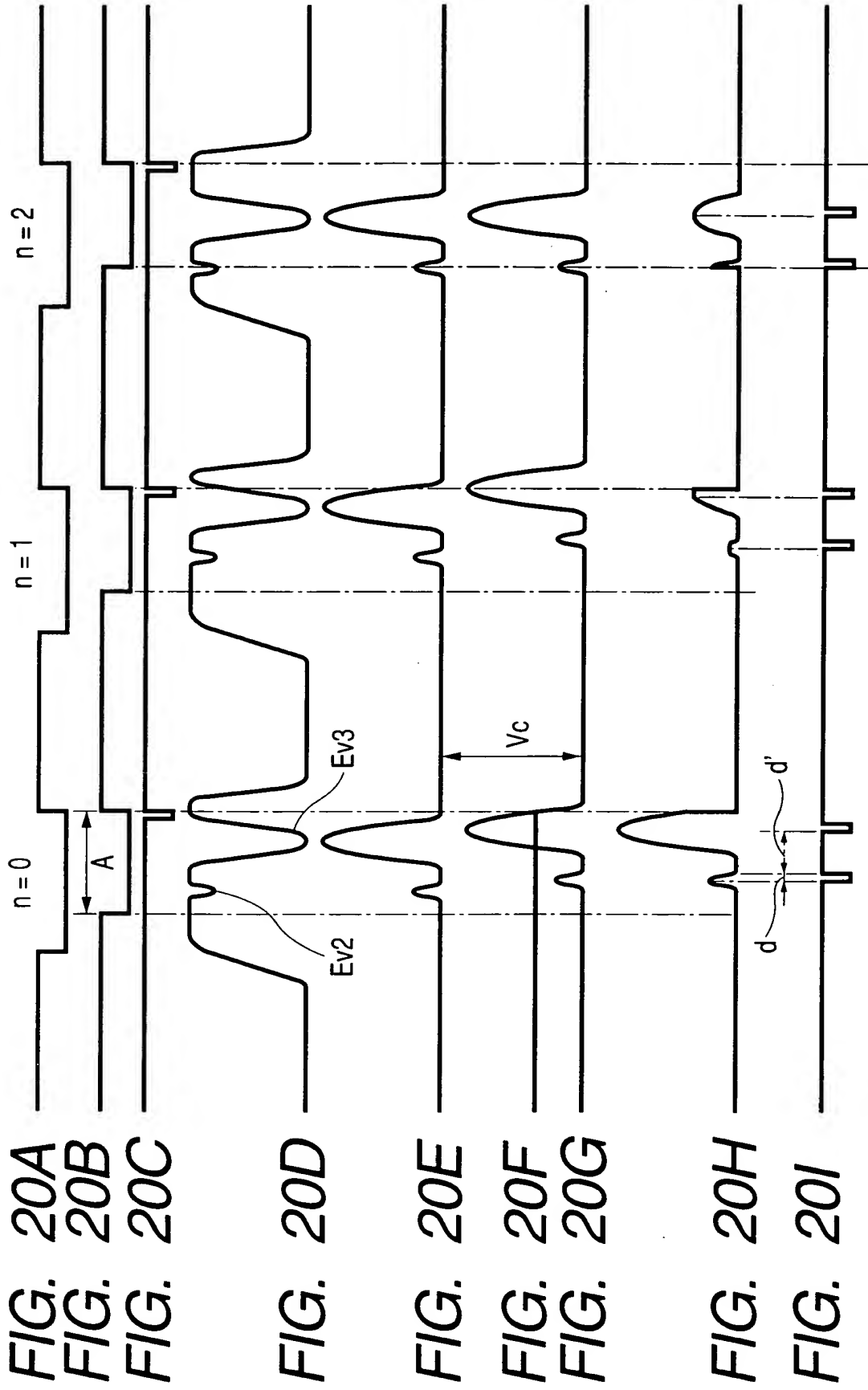
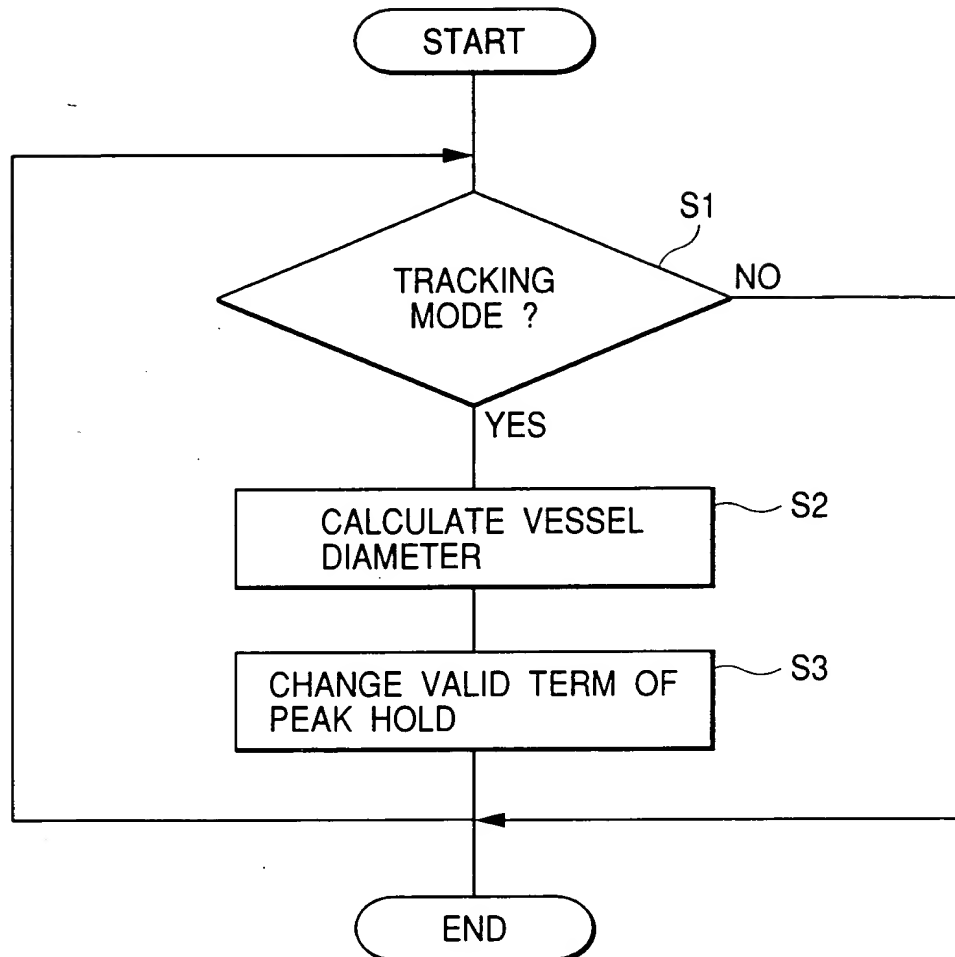
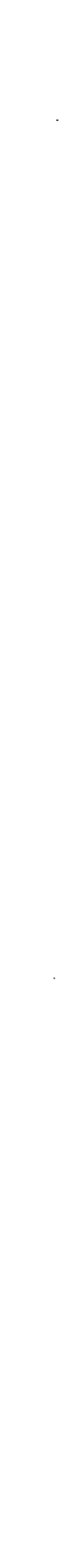
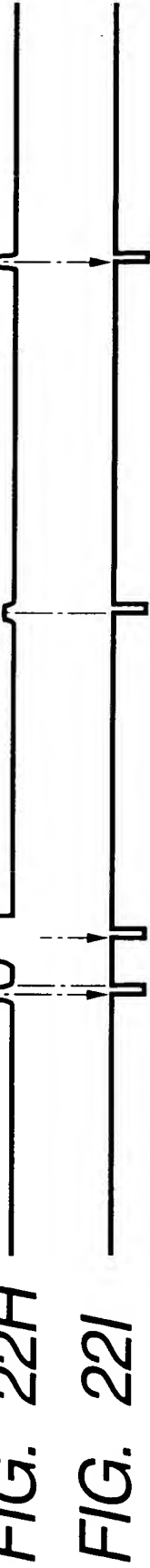
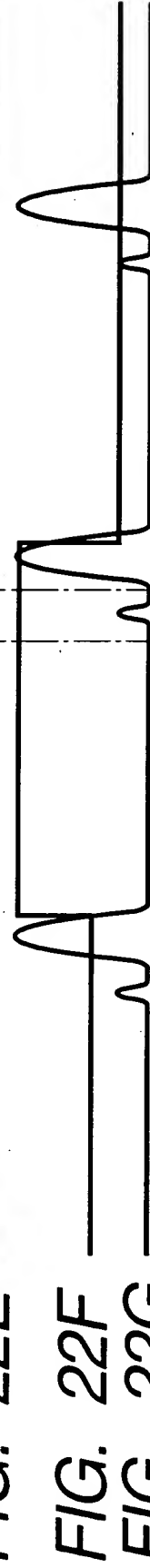
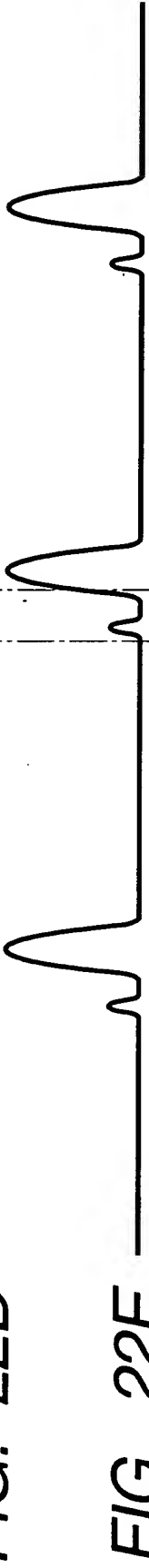
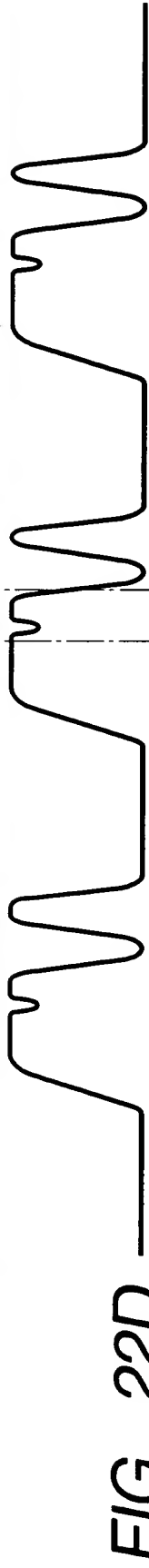
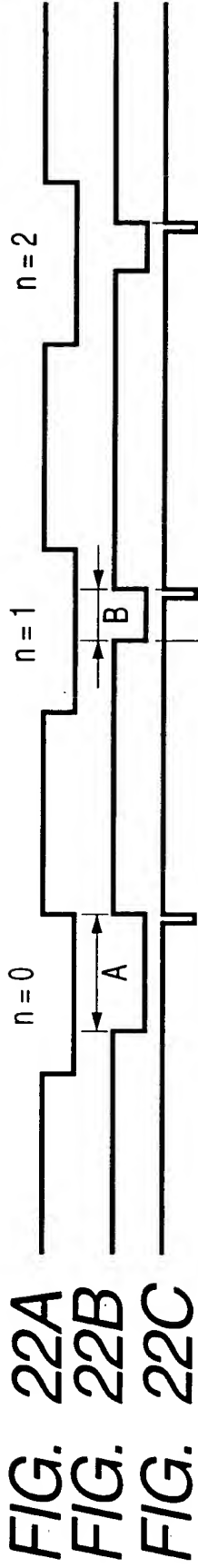


FIG. 21



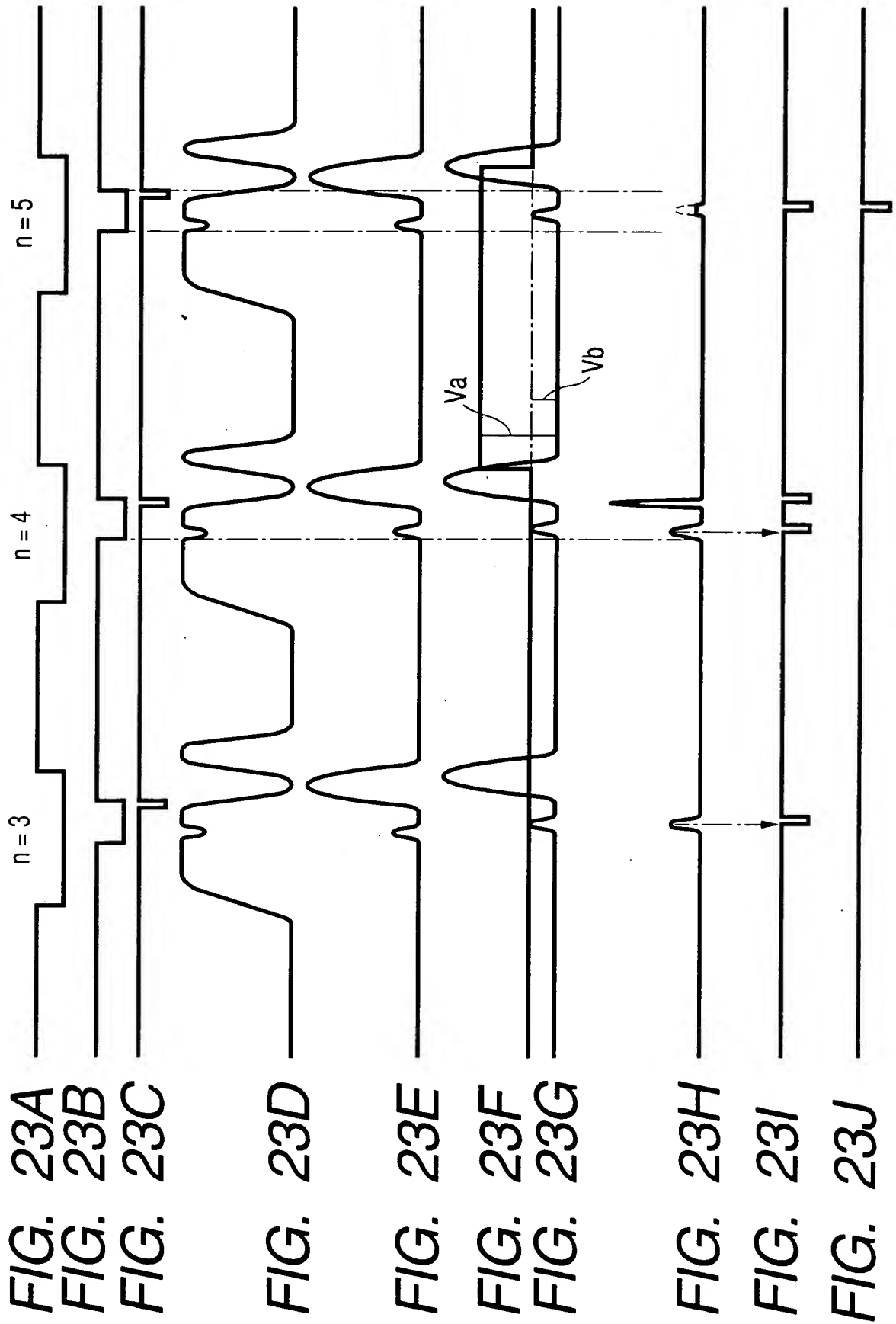


FIG. 24

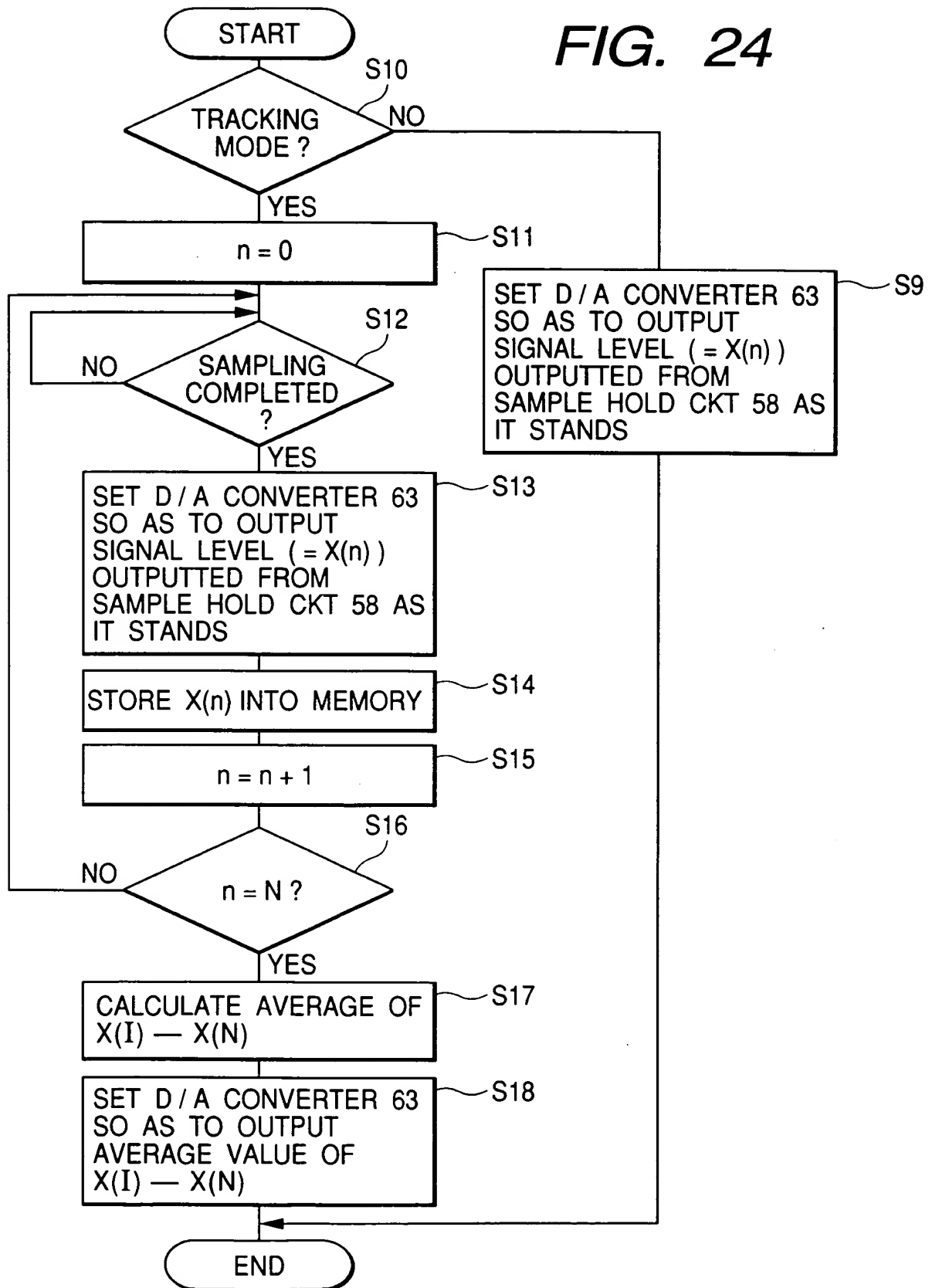


FIG. 25

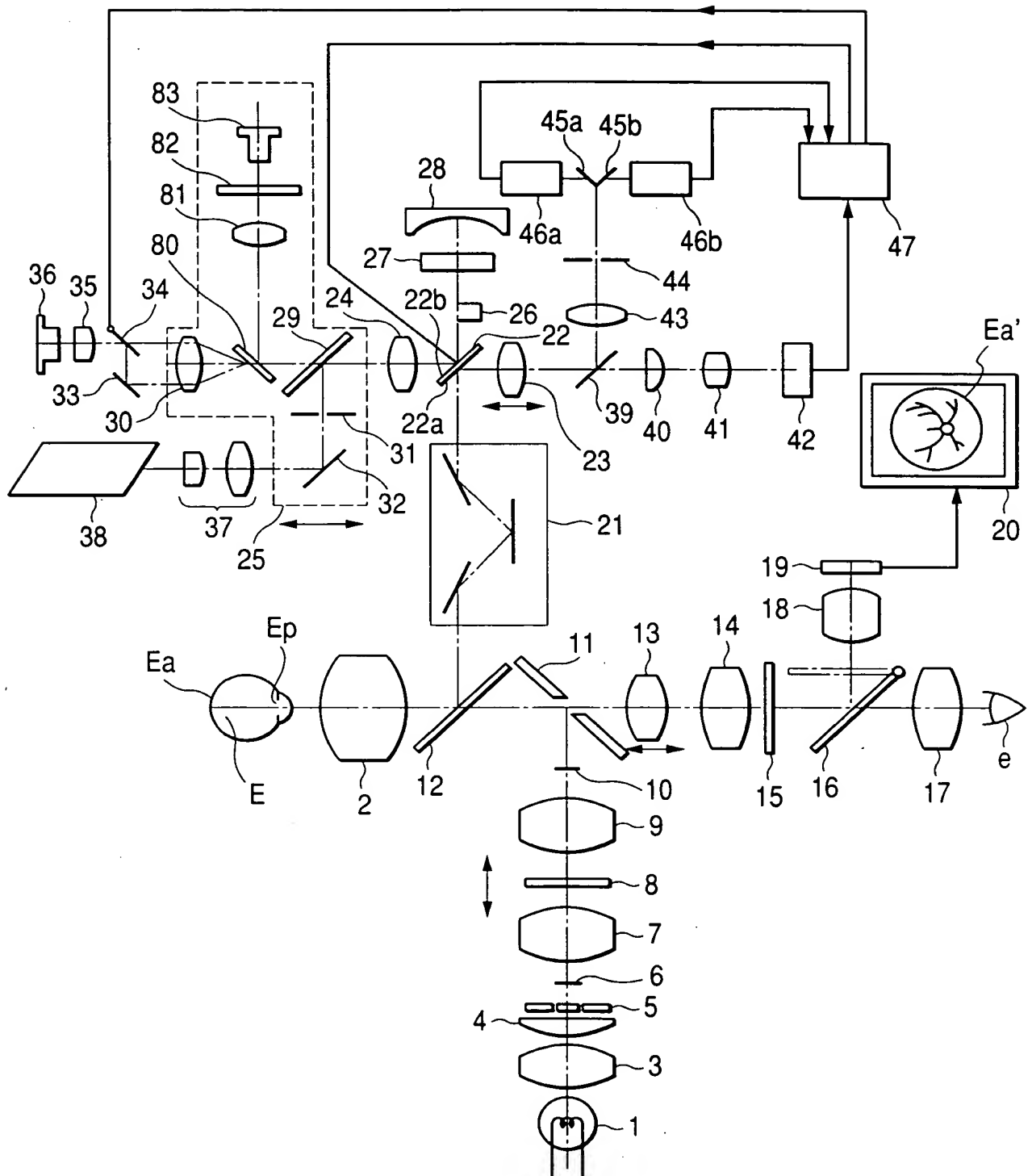


FIG. 26

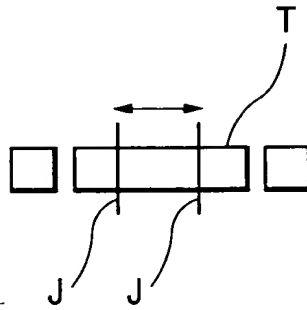


FIG. 27

